

**BY ORDER OF THE COMMANDER  
14TH AIR FORCE**



**AFSPC INSTRUCTION 36-280501**

**14TH AIR FORCE**

**Supplement 1**

**30 NOVEMBER 1998**

**Awards**

**AIR FORCE SPACE COMMAND SPACE AND  
MISSILE OPERATIONS AWARDS**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

---

**NOTICE:** This publication is available digitally on the AFDPO WWW site at: <http://afpubs.hq.af.mil>. If you lack access, contact your Publishing Distribution Office (PDO).

---

OPR: 14 AF/DOO (MSgt J. Shrum)  
Supersedes AFSPCI 36-280501/14 AF1, 8 Dec  
1995.

Certified by: 14 AF/DO (Lt Col D. J. Hine)  
Pages: 2  
Distribution: F

---

**AFSPCI 36-280501, 15 September 1996, is supplemented as follows:**

***SUMMARY OF REVISIONS***

The revision of this publication is to meet the format standards required by the Air Force. No content material has changed. Some required format changes have been made to allow for the conversion process.

5.12.1. (Added) Criteria. Criteria is based on Ops tempo and available mission ready personnel. The criteria formula for awarding spacelift crew member launch certificates is:

The Average Number of Launch Operations Per Year x Level Factor = Alert Rate

Mission Ready Personnel in Unit

5.12.2. (Added) Definitions.

5.12.2.1. Average Number of Launch Operations Per Year. Based on the previous 3 years of launch operations conducted by the unit. The following are specifically NOT included in the average: scrubbed launches; Mission Dress Rehearsals; Wet Dress Rehearsals; Simulations; Competitions; and Exercises. Only one launch operation for each Operation Number may be used in the calculation (for example, a Navy operation may launch 1 or more missiles, but this constitutes one launch operation). This reinforces the importance of launching at first opportunity and limits it to critical operations.

5.12.2.2. Mission Ready Personnel in Unit. Based on the number of Mission Ready personnel currently certified in the unit assigned. These positions are defined as: Launch Director, launch Controller, Range Control Officer, Range Operations Commander, Aeronautical Control Officer, launch Weather Officer, Flight Control Officer, and Upperstage Vehicle Manager.

5.12.2.3. Level Factor. This factor ensures time of service is consideration. use two levels of awards by having level factor of 1.5 years and 3 years. These level factors approximate the Missile 100 and 200 alert certificates.

5.12.2.4. Alert Rate. This rate is calculated after each launch operation conducted by the unit. Personnel are awarded certificates for two different levels using the following rules. All levels use "round up" alert rates, e.g., an Alert Rate of 1.3 is rounded up to 2 for determining award recipients. The first level alert rate (using 1.5 years level factor) must be at least 1. The second level alert rate (using 3 years level factor) must be at least 2.

5.12.3. (Added) Examples. The following examples use actual data as of 1 Jun 95. The chart reveals 1 SLS personnel must accomplish 2 launch operations for level 1 awards and 3 launch operations for level 2 awards. 5 SLS personnel must have accomplished 1 launch operation for level 1 awards and 2 launch operations for level 2 awards.

<u>UNIT</u>	<u>ALERT OPS AVG (last 3 yrs)</u>	<u>ALERT OPS PER YEAR</u>	<u>NUMBER OF MR IN UNIT</u>	<u>ALERT RATE (level 1)</u>	<u>ALERT RATE (level 2)</u>
1 SLS	17	6	6	1.42	2.83
2 SLS	3	1	11	0.14	0.27
3 SLS	19	6	7	1.36	2.71
4 SLS	5	2	8	0.31	0.63
5 SLS	5	2	23	0.11	0.22
*30 RANS	231	77	14	8.25	16.50
*45 RANS	110	36	8	4.50	9.00
30 SW/SE	42	14	6	3.50	7.00
45 SW/SE	110	36	10	4.80	9.60
30 WS	40	13	5	4.00	8.00
45 WS	69	23	5	6.90	13.80

\*Do not count Air Ops under this program.

5.13.1. (Added) Criteria. Refer to Spacelift Crew Member Level 1 Launch Certificate for criteria, definitions, and examples for awarding Spacelift Crew Member Level 2 Launch Certificates.

LARRY D. JAMES, Colonel, USAF  
Chief of Operations, 14 AF